

AMENDMENTS TO THE CLAIMS

Please **CANCEL** claims 17 and 18 without disclaimer or prejudice.

Please **AMEND** claims 1, 2, 4-8, 10, 11 and 13-16, as shown below.

The following is a complete list of all claims in this application.

1. (Currently Amended) A liquid crystal display (LCD) ~~adaptive to a viewing angle~~, comprising:

a driving voltage generator ⁽¹⁰⁰⁾ ~~for receiving an input voltage and~~ ^{AVDD} generating a first voltage and a second ~~voltage~~ ^{V_{in}} voltage based on an externally input power;

a voltage divider ⁽²⁰⁰⁾ ~~for~~ converting a level of the first second voltage based on ~~the~~ a viewing angle of an LCD panel to generate a third voltage ^{V_B};

a viewing angle ⁽³⁰⁰⁾ information generator ^{V_B} receiving the first voltage and the third voltage and ~~for~~ generating viewing angle information about the ~~viewing angle~~ based on the ~~second and third voltages~~; and

a gamma curve determiner ~~for~~ selecting a liquid crystal gamma curve corresponding to ~~received the viewing angle~~ information about the ~~viewing angle~~, and controlling a gray level with a gamma voltage value based on the selected liquid crystal gamma curve.


2. (Currently Amended) The LCD as claimed in claim 1, wherein the first voltage is an analog driving voltage ~~a gate-on/off voltage~~, and the second voltage is a gate-on voltage ~~an analog driving voltage~~.

3. (Original) The LCD as claimed in claim 1, wherein the voltage divider comprises a variable resistor ~~for~~ variably generating a resistance value based on the viewing angle of the LCD panel, and outputs the third voltage using the variable resistor.

4. (Currently Amended) The LCD as claimed in claim 3, wherein ~~the~~ a rotational axis of the variable resistor is connected to ~~that of~~ a hinge supporting an LCD module ~~so as to~~ automatically select the gamma curve by operation of a user.

5. (Currently Amended) The LCD as claimed in claim 4, wherein the variable resistor is of a dial type or a sliding type.

6. (Currently Amended) ~~An~~ A liquid crystal display (LCD) ~~adaptive to a viewing angle,~~ comprising:

 a driving voltage generator ¹⁰⁰ ~~for receiving an input voltage and~~ generating a first voltage ^{AVDD} and a second ~~voltages~~ ^{V_{bn}} voltage ~~based on an externally input power;~~

a decoder for decoding viewing angle data ~~information of the viewing angle as received by operation of from~~ a user;

a voltage divider ²⁰⁰ comprising a plurality of resistors, ~~for selecting any one of the resistors~~ based on the decoded viewing angle data ~~information of the viewing angle,~~ and converting a level of the ~~first~~ ^{V_{bn}} second voltage based on the selected resistor to generate a third voltage; ^{V_b}

a viewing angle ³⁰⁰ information generator ~~for generating viewing angle information about~~ the viewing angle based on the ~~second~~ ^{AVDD} first voltage and third voltage ~~voltages;~~ and

a gamma curve determiner ~~for~~ selecting a liquid crystal gamma curve corresponding to ~~received the viewing angle~~ information ~~about the viewing angle~~, and controlling a gray level with a gamma voltage value based on the selected liquid crystal gamma curve.

7. (Currently Amended) The LCD as claimed in claim 6, wherein the first voltage is an analog driving voltage ~~a gate-on voltage~~, and the second voltage is a gate-on voltage ~~an analog driving voltage~~.

8. (Currently Amended) ~~An~~ A liquid crystal display (LCD) ~~adaptive to a viewing angle~~, comprising:

a driving voltage generator ~~for~~ receiving an input voltage and generating a first voltage ~~based on an externally input power~~;

a decoder ~~for~~ decoding ~~information of the viewing angle~~ data ~~as received by operation of~~ from a user;

a power selector comprising a plurality of voltage sources, ~~for~~ and selecting ~~any~~ one of the voltage sources based on the decoded ~~information of the viewing angle~~ data to generate a second voltage;

a viewing angle ³⁰⁰ information generator ~~for~~ generating information about the viewing angle information based on the first voltage and second voltage ~~voltages~~; and

a gamma curve determiner ~~for~~ selecting a liquid crystal gamma curve corresponding to the ~~received~~ viewing angle information ~~about the viewing angle~~, and controlling a gray level with a gamma voltage value based on the selected liquid crystal gamma curve.

9. (Original) The LCD as claimed in claim 8, wherein the first voltage is an analog driving voltage.

10. (Currently Amended) ~~An~~ A liquid crystal display (LCD) ~~adaptive to a viewing angle~~, comprising:

a driving voltage generator ~~for~~ receiving an input voltage via a first input terminal and generating an analog driving voltage ~~based on an input power externally received via a first input;~~

a viewing angle information generator ~~for~~ generating ~~information about the viewing angle~~ information by lowering with a level of the analog driving voltage ~~dropped~~ based on the a viewing angle; and feeding the ~~level-dropped~~ analog driving voltage having the lowered level back to a second input terminal of the driving voltage generator; and

a gamma curve determiner ~~for~~ selecting a liquid crystal gamma curve corresponding to ~~the received information about the viewing angle~~ information; and controlling a gray level with a gamma voltage value based on the selected liquid crystal gamma curve.

11. (Currently Amended) The LCD as claimed in claim 10, wherein the viewing angle information generator comprises:

a first resistor having a first terminal receiving the analog driving voltage ~~at one terminal thereof~~; and

a second resistor having ~~one~~ a first terminal connected to a reference voltage or ground; and ~~another~~ a second terminal connected to ~~another~~ a second terminal of the first resistor, ~~for~~

~~lowering to lower the~~ a level of the analog driving voltage ~~and feeding the level-dropped analog driving voltage back to the second input of the driving voltage generator.~~

12. (Original) The LCD as claimed in claim 11, wherein either the first resistor or a reference voltage is varied depending on the viewing angle of an LCD panel.

13. (Currently Amended) A notebook computer comprising:

a variable resistor; and

~~an~~ a liquid crystal display (LCD) panel having liquid crystals;

wherein the variable resistor varies a voltage application applied to the liquid crystals

based on a view angle constituting the LCD panel, to provide the LCD panel with a liquid crystal gamma curve corresponding to the view angle with voltage application being a function of visual field angle.

14. (Currently Amended) The notebook computer of claim 13, wherein the variable resistor is mounted on a hinge supporting the LCD panel, ~~with~~ the hinge having a rotational axis connected to ~~that of~~ the variable resistor.

15. (Currently Amended) A method for liquid crystal display (LCD) gamma curve correction, comprising ~~the~~ steps of:

plotting a plot of $[(AVDD - V_{CE} + V_{BE}) / (V_{on} - AVDD + V_{CE} - V_{BE})] \times R1$, wherein AVDD is a first voltage generated as an analog driving voltage; V_{CE} is a collector-emitter electrode voltage; V_{BE} is a base-emitter electrode voltage; and R1 is a resistor; and

adjusting an LCD gamma curve based on the plot.

16. (Currently Amended) A method of reducing flicker for ~~an~~ a liquid crystal display (LCD) having a gamma curve, comprising the steps of:

plotting a plot of $[(AVDD - V_{CE} + V_{BE}) / (V_{on} - AVDD + V_{CE} - V_{BE})] \times R1$, wherein

AVDD is a first voltage generated as an analog driving voltage; V_{CE} is collector-emitter

electrode voltage; V_{BE} is a base-emitter electrode voltage; and R1 is a resistor; and

adjusting the LCD gamma curve based on the plot.

17-18. (Cancelled)
